

Serial No.: 09/293,670

Filed: April 16, 1999

The Commissioner is authorized to charge any additional fees including extension fees or other relief which may be required, or credit any overpayment to Deposit Account No. 06-1300 (Our Order No. A-68104/RMS/JJD).

Please enter the amendments below and consider the remarks that follow.

IN THE CLAIMS

1. (Twice Amended) A method of screening [for a bioactive agent capable of altering] a population of cells for at least one cell with an altered cellular phenotype, said method comprising:

- a) combining at least one candidate bioactive agent and a population of cells; and  
b) sorting said cells in a FACS machine by separating said cells on the basis of at least five cellular parameters which allow detection of alterations in cellular phenotype, whereby cells with altered cellular phenotype are identified [said alteration in cellular phenotype indicates said candidate is a bioactive agent capable of altering a cellular phenotype].

3. (Amended) A method of screening [for a bioactive agent capable of altering] a population of cells for at least one cell with an altered cellular phenotype, said method comprising:

- a) introducing a library of nucleic acids each encoding a candidate bioactive agent into a population of cells; and  
b) sorting said cells in a FACS machine by separating said cells on the basis of at least three cellular parameters which allow detection of alterations in cellular phenotype, whereby cells with altered cellular phenotype are identified [said alteration in cellular phenotype indicates said candidate is a bioactive agent capable of altering a cellular phenotype].